Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("6008703").PN.	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/22 10:38
S2	2	hein.in. and perrott.in.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/26 13:11
S3	2	("5036298").PN.	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/26 15:26
S4	1527	(clock near delay$4) and pll	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/26 15:26
S5	436	(clock near delay$4) and pll and vco and filter	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/26 15:27
S6	366	(clock near delay$4) and pll and vco and filter and (phase with detect$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/26 15:27
S7	270	((clock near delay$4) and pll and vco and filter and (phase with detect$4)) and (ram or rom or fifo or memory or register or storage)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 15:28
S8	181	((clock near delay$4) and pll and vco and filter and (phase with detect$4)) and ((ram or rom or fifo or memory or register or storage) with data)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 15:28
S9	104	((clock near delay$4) and pll and vco and filter and (phase with detect$4)) and (((ram or rom or fifo or memory or register or storage) with data) same phase)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 15:29
S10	49	(((clock near delay$4) and pll and vco and filter and (phase with detect$4)) and (((ram or rom or fifo or memory or register or storage) with data) same phase)) and ((vco or oscillat$4) same (delay$4 with clock))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 16:38

S11	16549	data with phase with detect$4	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 16:39
S12	3042	pll and (data with phase with detect$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 16:39
S13	756	(pll and (data with phase with detect$4)) and (clock with delay$4) and filter	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 16:39
S14	266	(pll and (data with phase with detect$4)) and (clock with delay$4 with control$4) and filter	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 16:40
S15	128	(pll and (data with phase with detect$4)) and ((clock with delay$4 with control$4) same (phase with detect$4)) and filter	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 16:40
S16	70	(pll and (data with phase with detect$4)) and ((clock with delay$4 with control$4) same (phase with detect$4)) and (delay$4 with filter)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 16:45
S17	40135	clock near5 delay$4	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 16:45
S18	4600	pll and (clock near5 delay$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 16:45
S19	1593	pll same (clock near5 delay$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 16:45
S20	73	(pll same (clock near5 delay$4)) and ((clock with delay$4 with control$4) same (phase with detect$4)) and (delay$4 with filter)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 16:46
S21	30249	clock near3 delay$4	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 16:45
S22	150	(clock near3 delay$4) and ((clock with delay$4 with control$4) same (phase with detect$4)) and (delay$4 with filter) and pll	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 16:46

S23	39	(clock near3 delay$4) and ((clock with delay$4 with control$4) same (phase with detect$4 with data)) and (delay$4 with filter) and pll	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 20:02
S24	2687	(clock with delay$4) and (clock with jitter$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 20:02
S25	1186	(clock with delay$4) and (clock with jitter$4) and pll	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 20:02
S26	1297	(clock with delay$4) and (clock with jitter$4) and (pll or dll)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 20:03
S27	1032	(clock near4 delay$4) and (clock with jitter$4) and (pll or dll)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 20:03
S28	937	(clock near3 delay$4) and (clock with jitter$4) and (pll or dll)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 20:03
S29	793	(clock near2 delay$4) and (clock with jitter$4) and (pll or dll)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 20:03
S30	228	((clock near2 delay$4) and (clock with jitter$4) and (pll or dll)) and vco and filter	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 20:03
S31	145	(phase with data) and (((clock near2 delay$4) and (clock with jitter$4) and (pll or dll)) and vco and filter)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 20:04
S32	103	((phase with data) and (((clock near2 delay$4) and (clock with jitter$4) and (pll or dll)) and vco and filter)) and (delay$4 with control$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/26 20:04
S33	39	((phase with data) and (((clock near2 delay$4) and (clock with jitter$4) and (pll or dll)) and vco and filter)) and ((delay$4 with control$4) same vco)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 10:13
S34	189319	(phase or frequency) near2 (detect$3 or compar$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 10:14

S35	24318	oscillator$1 same delay$3	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 10:14
S36	3753	((phase or frequency) near2 (detect$3 or compar$4)) same (oscillator$1 same delay$3)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 10:14
S37	195930	control with phase	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 10:15
S38	1361	(((phase or frequency) near2 (detect$3 or compar$4)) same (oscillator$1 same delay$3)) same (control with phase)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 10:15
S39	11473	control with phase with delay	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 10:15
S40	12994	control with phase with delay$3	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 10:15
S41	777	(((phase or frequency) near2 (detect$3 or compar$4)) same (oscillator$1 same delay$3)) same (control with phase with delay$3)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 13:23
S42	304	((((phase or frequency) near2 (detect$3 or compar$4)) same (oscillator$1 same delay$3)) same (control with phase with delay$3)) and vco	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 10:16
S43	168	(((((phase or frequency) near2 (detect$3 or compar$4)) same (oscillator$1 same delay$3)) same (control with phase with delay$3)) and vco) and (clock with delay$3)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 10:30
S44	4	("5113152" | "5202906" | "5281863" | "6404291").PN.	USPAT	OR	OFF	2004/10/27 10:28
S45	3	"6542038".URPN.	USPAT	OR	OFF	2004/10/27 10:30
S46	114	nishimura.in. and pll	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 10:30
S47	10	nishimura.in. and pll and matsushita.as.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 13:22

S48	237	pll and (delay near filter$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 13:22
S49	263	pll and (delay$3 near filter$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 13:22
S50	673	pll and (delay$3 near2 filter$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 13:23
S51	777	(((phase or frequency) near2 (detect$3 or compar$4)) same (oscillator$1 same delay$3)) same (control with phase with delay$3)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 13:23
S52	16	(pll and (delay$3 near2 filter$4)) and (((((phase or frequency) near2 (detect$3 or compar$4)) same (oscillator$1 same delay$3)) same (control with phase with delay$3))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 13:32
S53	10598	((phase near2 (detect$3 or compar$5)) with control$4) and pll	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 13:33
S54	8622	(((phase near2 (detect$3 or compar$5)) with control$4) same (vco or oscillat$4)) and pll	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 13:34
S55	4807	(((phase near2 (detect$3 or compar$5)) with control$4 with filter) same (vco or oscillat$4)) and pll	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 13:35
S56	970	(((phase near2 (detect$3 or compar$5)) with control$4 with filter with clock) same (vco or oscillat$4)) and pll	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 13:35
S57	87	(((phase near2 (detect$3 or compar$5)) with control$4 with filter with (delay$4 with clock)) same (vco or oscillat$4)) and pll	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 14:12
S58	722	matsushita.as. and pll and (phase near comparator)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 14:12
S59	22	(matsushita.as. and pll and (phase near comparator)) and (delay near element)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 15:03

S60	1308	delay with (control near2 signal) with (phase near2 (detect$3 or compar$6))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 15:04
S61	326	(delay with (control near2 signal) with (phase near2 (detect$3 or compar$6))) and (vco or oscillat$4) and pll	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 15:04
S62	252	((delay with (control near2 signal) with (phase near2 (detect$3 or compar$6))) and (vco or oscillat$4) and pll) and (delay$3 with clock)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/27 15:04
S63	105	(((delay with (control near2 signal) with (phase near2 (detect$3 or compar$6))) and (vco or oscillat$4) and pll) and (delay$3 with clock)) and (delay with filter)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 11:07
S64	409	delay$4 near4 (clock and (oscillat$3 or vco) and (phase near2 (detect$3 or compar$5)))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 11:08
S65	242	pll and (delay$4 near4 (clock and (oscillat$3 or vco) and (phase near2 (detect$3 or compar$5))))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 11:08
S66	187	(pll and (delay$4 near4 (clock and (oscillat$3 or vco) and (phase near2 (detect$3 or compar$5))))) and filter	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 15:41
S67	187	(pll and (delay$4 near4 (clock and (oscillat$3 or vco) and (phase near2 (detect$3 or compar$5))))) and filter	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 15:41
S68	15088	data near recover$4	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 15:51
S69	26	((pll and (delay$4 near4 (clock and (oscillat$3 or vco) and (phase near2 (detect$3 or compar$5))))) and filter) and (data near recover$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 15:44
S70	0	fifo and (((pll and (delay$4 near4 (clock and (oscillat$3 or vco) and (phase near2 (detect$3 or compar$5))))) and filter) and (data near recover$4))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 15:45

S71	1216	fifo and (data near recover$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 15:45
S72	289	(fifo and (data near recover$4)) and pll	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 15:45
S73	18	((fifo and (data near recover$4)) and pll) and (clock near delay$3)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 15:45
S74	4	((data near recover$4) same fifo) and pll and (phase near (detect$3 or comparat$3))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/10/28 15:52
S75	15	(US-5036298-$ or US-6718473-$ or US-6483871-$ or US-6127865-$ or US-6028903-$ or US-6414528-$ or US-5347232-$ or US-5212601-$ or US-6542038-$ or US-6356158-$ or US-6198415-$ or US-6259293-$ or US-6041089-$ or US-6542040-$ or US-6396888-$).did.	USPAT	OR	OFF	2004/10/28 15:54
S76	13	data and ((US-5036298-$ or US-6718473-$ or US-6483871-$ or US-6127865-$ or US-6028903-$ or US-6414528-$ or US-5347232-$ or US-5212601-$ or US-6542038-$ or US-6356158-$ or US-6198415-$ or US-6259293-$ or US-6041089-$ or US-6542040-$ or US-6396888-$).did.)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/28 15:54
S77	11	((data near (recover$3 or detect$3 or sync$12)) or (data same pll)) and ((US-5036298-$ or US-6718473-$ or US-6483871-$ or US-6127865-$ or US-6028903-$ or US-6414528-$ or US-5347232-$ or US-5212601-$ or US-6542038-$ or US-6356158-$ or US-6198415-$ or US-6259293-$ or US-6041089-$ or US-6542040-$ or US-6396888-$).did.)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/28 16:12
S78	2	("5036298").PN.	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/28 16:12

S79	2	(("5036298").PN.) and zero	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/28 16:12
S80	45	(clock near delay$4) and ((phase near (detect$3 or comparat$4)) same (retim$4) same data)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/29 18:28
S81	533	375/327.ccls.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/29 18:29
S82	168	375/327.ccls. and pll and (phase near (detect$4 or comparat$4))	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/29 18:29
S83	7	(375/327.ccls. and pll and (phase near (detect$4 or comparat$4))) and (clock near delay$4)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/29 18:30
S84	70599	phase near detect$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/29 15:26
S85	2504	vco with delay$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/29 15:27
S86	1172	S84 and S85	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/29 15:27
S87	23	S86 and (delay$4 near filter$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/29 15:36
S88	245006	(phase frequency) near3 (detect$4 comparat$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/29 15:36

S89	38782	(oscillator vco) same delay$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/29 15:37
S90	6729	S88 same S89	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/29 15:37
S91	19880	(oscillator vco) with delay$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/29 15:37
S92	3296	S88 same S91	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/29 15:37
S93	1625	S92 and (delay$4 same clock)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/29 15:37
S94	1385	S92 and (delay$4 with clock)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/29 15:37
S95	785	S94 and (delay$4 same filter$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/29 15:38
S96	549	S94 and (delay$4 with filter$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/29 15:44

S97	12998	S84 same clock	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/29 15:39
S98	312	S96 and S97	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/29 15:39
S99	1585	S84 same (delay$4 with filter$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/29 15:45
S10 0	207	S98 and S99	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/29 15:46
S10 1	3621	S88 same (delay$4 with filter$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/29 15:45
S10 2	1585	S99 same S101	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/29 15:45
S10 3	158	S98 and S99	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/29 15:46
S10 4	6	("4510461" | "4947382" | "5374904" | "5404250" | "5475344" | "5717362").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/29 15:51
S10 5	2	("6542040").URPN.	USPAT	OR	ON	2005/06/29 15:51
S10 6	751	pll and (clock with delay$4 with filter$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 18:52

S10 7	343	pll and (clock with delay$4 with filter$4 with control$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 18:53
S10 8	298	S107 and (phase near (detect$4 compar$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 18:57
S10 9	14	S108 and (delay$4 near filter$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 18:56
S11 0	2661	pll and (delay$4 with control with clock)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 18:56
S11 1	1196	S110 and (clock near delay$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 18:56
S11 2	762	S111 and (phase near (detect$4 compar$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 18:57
S11 3	22	(delay$4 near filter$4) and S112	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/08 18:57
S11 4	110	vco with (clock near delay$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 10:59

S11 5	87	pll and (clock near delay$3 near control$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 11:07
S11 6	595	pll same (delay near control$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 11:07
S11 7	422	S116 same phase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 11:08
S11 8	331	S117 and (oscillat$4 vco nco)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 11:08
S11 9	225	S117 and (oscillat$4 vco nco)	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 11:08
S12 0	6	("5019785" | "5339278" | "5574757" | "5596300" | "5638410" | "5648964").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/22 11:26
S12 1	4	("6310498").URPN.	USPAT	OR	ON	2005/07/22 11:41
S12 2	2	("5389898" | "5889436").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/22 11:53
S12 3	90	(phase near (error difference detect$4)) same vco same (control$4 near delay$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/22 11:55
S12 4	80	(phase near (error difference detect$4)) same vco same (control$4 near delay$4)	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 11:59
S12 5	37	(phase near (error difference detect$4)) with (control$4 near delay$4) same vco	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 12:00

S12 6	37	((phase near (error difference detect$4)) with (control$4 near delay$4)) same vco	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 12:03
S12 7	27	(voltage near control$4 near delay$4) with (phase near shift)	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 13:01
S12 8	0	vco same S127	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 12:03
S12 9	6	vco and S127	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 12:03
S13 0	177031	(phase frequency) near2 (detect$4 comparat$3)	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 13:01
S13 1	50616	oscillat$4 same delay$4	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 13:03
S13 2	5598	S130 same S131	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 13:35
S13 3	815	oscillat$4 same (clock near delay$4)	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 13:04
S13 4	5598	S130 same S132	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 13:04
S13 5	160	S130 same S133	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 13:30

S13 6	2	("5856762").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/22 13:34
S13 7	2463	327/149,156,158,161.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 15:57
S13 8	177031	(phase frequency) near2 (detect$4 comparat$3)	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 13:35
S13 9	50616	oscillat$4 same delay$4	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 13:35
S14 0	5598	S138 same S139	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 13:35
S14 1	319	S137 and S140	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 13:35
S14 2	8	("5347234" | "5475344" | "5706218" | "5717362" | "5864258" | "6094103" | "6104253" | "6188291").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/22 13:47
S14 3	0	("6683504").URPN.	USPAT	OR	ON	2005/07/22 13:48
S14 4	5	("4409564" | "4472685" | "4697156" | "5495206" | "5907253").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/22 14:22
S14 5	5	("6359950").URPN.	USPAT	OR	ON	2005/07/22 14:23
S14 6	3	("5459756" | "5481573" | "5675620").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/22 15:46
S14 7	1	("6353648").URPN.	USPAT	OR	ON	2005/07/22 15:47
S14 8	8565	(divid$4 delay) same pll	USPAT	OR	ON	2005/07/22 15:48

S149	3278	(divid$4 delay) same pll same vco	USPAT	OR	ON	2005/07/22 15:48
S150	2224	(divid$4 delay) same pll same vco same filter$4	USPAT	OR	ON	2005/07/22 15:48
S151	1764	(divid$4 delay) same pll same vco same filter$4 same (phase near (detect$4 compar$4))	USPAT	OR	ON	2005/07/22 16:09
S152	385	375/130-377.ccls. and S151	USPAT	OR	ON	2005/07/22 15:57
S153	2463	327/149,156,158,161.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 15:57
S154	70	S152 and S153	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 15:58
S155	89	(divid$4 delay) same pll same vco same filter$4 and ((phase near (detect$4 compar$4)) with (memory ram rom storage fifo))	USPAT	OR	ON	2005/07/22 19:00
S156	55	((phase near (detect$4 compar$4)) with fifo)	USPAT	OR	ON	2005/07/22 16:18
S157	15	("4941156" | "5142555" | "5410723" | "5493243" | "5602882" | "5604741" | "5793824" | "5844436" | "5956748" | "6081844" | "6118835" | "6226698" | "6278718" | "6421770" | "6463111").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/22 16:34
S158	526	(fifo with (read and write)) and (phase near2 (detect$4 comparat$4))	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/22 16:34
S159	322	(fifo with (read and write)) and (phase near2 (detect$4 comparat$4))	USPAT	OR	ON	2005/07/22 16:34
S160	53839	(fifo with (read and write)) dame (phase near2 (detect$4 comparat$4))	USPAT	OR	ON	2005/07/22 16:35
S161	22	(fifo with (read and write)) same (phase near2 (detect$4 comparat$4))	USPAT	OR	ON	2005/07/22 16:35

S162	2927	(delay$4 divid$4) with filter with pll	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 17:35
S163	1510	(delay$4 divid$4) with filter with pll with vco	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 17:34
S164	177031	(phase frequency) near2 (detect$4 comparat$3)	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 17:34
S165	965	S164 with S163	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 17:34
S166	965	S164 with S163	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 17:35
S167	688	((delay$4 divid$4) near8 filter) and S166	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 17:35
S168	688	((delay$4 divid$4) near8 filter) and S166	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 17:37
S169	28539890	@pd <= "20010326"	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 17:38
S170	412	S169 and S168	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 18:30

S171	1360	nrz with data with clock	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 18:31
S172	84	nrz with (data near code$2) with clock	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 18:32
S173	243	(manchester near code) with clock	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 18:54
S174	76	birk.in. and phase	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 18:54
S175	5	birk.in. and phase and analog.as.	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 18:56
S176	2	("6768358").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/22 18:56
S177	9	("5606293" | "5623234" | "5774701" | "5963068" | "6005904" | "6031429" | "6118306" | "6255882" | "6356128").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/22 18:56
S178	2	(divid$4 delay) same pll same vco same filter$4 and ((phase near (detect$4 compar$4)) with (fifo))	USPAT	OR	ON	2005/07/22 19:02
S179	4	(divid$4 delay) same pll same filter$4 and ((phase near (detect$4 compar$4)) with (fifo))	USPAT	OR	ON	2005/07/22 19:00
S180	9	(divid$4 delay) same pll and ((phase near (detect$4 compar$4)) with (fifo))	USPAT	OR	ON	2005/07/22 19:01
S181	10	analog.as. and (phase near comparator)	USPAT	OR	ON	2005/07/22 19:01
S182	0	("6768358").URPN.	USPAT	OR	ON	2005/07/22 19:02

S18 3	2035	(divid$4 delay) same pll same vco same filter$4 and ((phase near (detect$4 compar$4)))	USPAT	OR	ON	2005/07/22 19:02
S18 4	1764	(divid$4 delay) same pll same vco same filter$4 same ((phase near (detect$4 compar$4)))	USPAT	OR	ON	2005/07/22 19:03
S18 5	28539890	@pd <= "20010326"	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/22 19:03
S18 6	1129	S185 and S184	USPAT	OR	ON	2005/07/22 19:03
S18 7	36	S186 and (data near recovery)	USPAT	OR	ON	2005/07/25 08:13
S18 8	2	("6118316").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/25 08:14
S18 9	1	vco and S188	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/25 08:14
S19 0	4735	(frequency near divid$4) with delay$4	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 14:41
S19 1	739	pll and S190	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 14:29
S19 2	579	S191 and (phase near (compar$5 detect$4))	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 14:35
S19 3	20412650	@ad <= "20010326"	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 14:41

S194	447	S192 and S193	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 14:33
S195	4228	(frequency near divid$4) with delay	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 14:34
S196	507	pll and S195 and (phase near (compar$5 detect$4))	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 14:35
S197	383	S193 and S196	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 14:35
S198	305	(frequency near divid$4) near delay$4	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 14:41
S199	223	(frequency near divid$4) near delay	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 14:41
S200	152	S193 and S199	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 14:42